



City of San Angelo
Water Quality Laboratory

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LABORATORY REPORT

Report To: City of San Angelo Water Production Plant 327 W. Ave I San Angelo, TX 76903	Lab Number: 47 Collected: 9:00:00 AM Received: 8/11/2014 Reported: 8/12/2014
Project Name: Water Production Plant Contact: Charles McGuire Sample ID: Tap Sample	

Analyte	Results	Units	Test Date	By	DL	Method
Aluminum (Al)	0.10	mg/L	8/11/2014	AEV	0.1	Hach 8012
Ammonia nitrogen (NH3-N)	0.79	mg/L	8/11/2014	AEV	0.015	Hach 10205
Bicarbonate (HCO3)	142	mg/L	8/11/2014	AEV	4	SM 2320-B
Calcium (as Ca)	77	mg/L	8/11/2014	AEV	4	SM 3500-Ca-B
Chloride (Cl)	188	mg/L	8/11/2014	AEV	4	SM 4500-Cl-B
Conductivity	1244	µs	8/11/2014	AEV	1	SM 2510-B
Fluoride (F)	0.44	mg/L	8/11/2014	AEV	0.1	Hach 8029
Iron (Fe)	0.01	mg/L	8/11/2014	AEV	0.01	Hach 8008
Magnesium (as Mg)	42	mg/L	8/11/2014	AEV	4	SM 3500-Mg-B
Nitrate nitrogen (NO3-N)	0.23	mg/L	8/11/2014	AEV	0.23	Hach 10206
Ortho-phosphate (PO4)	0.12	mg/L	8/11/2014	AEV	0.06	Hach 8048
pH Value	7.8	units	8/11/2014	AEV		SM 4500-H+
Potassium (K)	14.0	mg/L	8/11/2014	AEV	5	Hach 8049
Sodium (Na)	106	mg/L	8/11/2014	AEV	4	calc.
Sulfate (SO4)	221	mg/L	8/11/2014	AEV	10	Hach 10227
Total Alkalinity (as CaCO3)	116	mg/L	8/11/2014	AEV	4	SM 2320-B
Total Dissolved Solids (TDS)	792	mg/L	8/11/2014	AEV	5	calc.
Total Hardness (as CaCO3)	364	mg/L	8/11/2014	AEV	4	SM 2340-C
Total Hardness (in Grains)	21.4	gr/gal	8/11/2014	AEV		SM 2340-C

Tymn Combest
 Water Quality Superintendent

cc: Lab File